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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                    |   |                     |
|------------------------------------|---|---------------------|
| In re Patent Application of:       | ) | Atty Docket No.:    |
| E. STEVEN HILL                     | ) | 78811 (135-2(1) US) |
|                                    | ) |                     |
| Serial No. 10/761,338              | ) | Art Unit: 2883      |
|                                    | ) |                     |
| Filing Date: JANUARY 22, 2004      | ) | Examiner:           |
|                                    | ) | DEREK L. DUFOIS     |
| Confirmation No. 2678              | ) |                     |
|                                    | ) |                     |
| For: BROADBAND OPTICAL PUMP SOURCE | ) |                     |
| FOR OPTICAL AMPLIFIERS, PLANAR     | ) |                     |
| OPTICAL AMPLIFIERS, PLANAR         | ) |                     |
| OPTICAL CIRCUITS AND PLANAR        | ) |                     |
| OPTICAL LASERS FABRICATED          | ) |                     |
| USING GROUP IV SEMICONDUCTOR       | ) |                     |
| NANOCRYSTALS                       | ) |                     |

VIA FACSIMILE NO. 571-273-8300

AMENDMENT

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated July 28, 2005, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

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